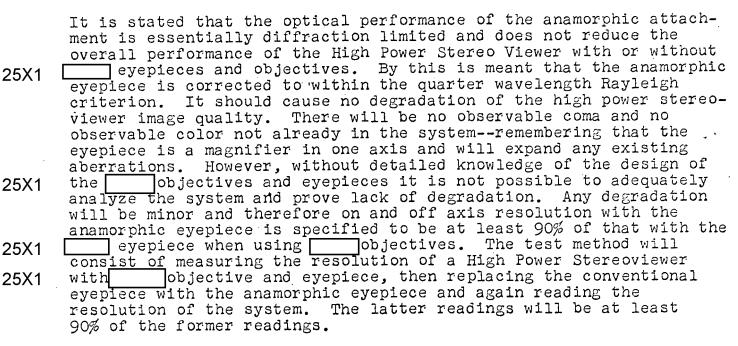
3/1		
	Approved For Release 2004	0209 1
و المارية		June 13, 1967
25X1	Post Office Box 6788 Fort Davis Station Washington, D. C. 20020	
25X1 25X1	Attention: Subject:  Gentlemen:  Enclosed are two copies of a clarification to Page 2-2 of our Final Report for Phase I of the subject contract.  This need for a clarification resulted from a conversation between your technical representative and ours on June 9, 1967.	
	Please see that a copy o to the responsible techn	f this clarification is transmitted ical monitor.
	•	Very truly yours,
25X1	Encs.	Contract Administrator Photogrammetric Contracts Section
		Declass Review by NGA.

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Lectassification

Clarification of rage 2-2 for "Final Report, Design Analysis for Anamorphic System for High Power Stereoviewer", concerning optical performance.



In the matter of field curvature, the field obtained with the attachment is slightly flatter than that with the unequipped High Power Stereoviewer. The anamorphic system is composed of two doublets and a field lens acting as auxiliary optics for the prism anamorphic zoom. The unit, when installed, replaces the field lens of the Stereoviewer. The prism zoom system contributes no field curvature. The doublets, however, do have field curvature contributions inversely proportional to their average glass index and focal length. Since the indices are the same and the focal lengths are about equal but of opposite sign, then two field curvature contributions cancel each other out. The only field curvature contribution that remains in the anamorphic attachment is that of its field lens. This field lens has a longer focal length than the one it replaces in the Stereoviewer and therefore its field curvature contribution is smaller. The net result is that when the field lens of the Stereoviewer is replaced by the anamorphic attachment, the system field curvature is somewhat less.